GRAPHTEC
Graphtec America, Inc.

FC8600 Series
High Performance Cutting Plotters

Strong.
Fast.
Precise.

Max Cutting Force
600 grams

Max Cutting Speed
58.5 in/s

• Tangential Emulation
• Digital Servo Motors
• 3-year Standard Warranty

Cutting Master   Graphtec Pro Studio

ARMS 5.0
Graphtec's renowned Advanced Registration Mark Sensing system produces highly accurate print & cut results - even on challenging materials such as high gloss and high intensity reflective.

Perf / Die Cut
Efficiently perf cut pre-printed decals with preset tool settings and cutting channel. This method prevents damage to your blade and cutting plotter.

Expanded Area Cutting
Graphtec utilizes media more efficiently than the competition. Smaller side margins and the ability to cut printed objects outside of the registration marks yields up to 30% more decals.
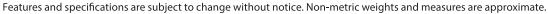
FC8600 SERIES TECHNICAL SPECIFICATIONS

ITEM	FC8600-60	FC8600-75	FC8600-100	FC8600-130	FC8600-160
Maximum Cutting Area	24 in x 164 ft (610 mm x 50 m)	30 in x 164 ft (762 mm x 50 m)	42 in x 164 ft (1067 mm x 50 m)	54 in x 164 ft (1372 mm x 50 m)	64 in x 164 ft (1625 mm x 50 m)
Compatible Media Widths	2 in to 30.3 in (50 mm to 770 mm)	2 in to 36.2 in (50 mm to 919 mm)	2 in to 48.2 in (50 mm to 1224 mm)	2 in to 60.2 in (50 mm to 1529 mm)	2 in to 72.5 in (50 mm to 1841 mm)
Maximum Media Thickness	59.1 mil (1.48 mm)				
Maximum Cut Speed	58.5 in/s (1485 mm/s) diagonal				
Programmable Cutting Force	20 gf - 600 gf in 48 steps				
Sheet Cutter Max Thickness	11 mil including media release liner (backing)				
Programmable Resolution	GP-GL™: 0.1/.05/.025/.01mm; HP-GL®: 0.001 in (0.025mm); GP-GL™: 254, 508, 1016, 2540; HP-GL®: 1016				
Compatible Media Types	Self-adhesive vinyl film, diamond grade [1], fluorescent film, reflective film, Amberlith™, Rubylith™, sandblast resist rubber, high-intensity reflective film [1], prismatic reflective sheeting [1], window tint film, paint protection film [1], automotive paint protection film [1], etc.				
Interface	USB 2.0 High-speed	Serial RS-232C	Ethernet interface				
ARMS	5th Generation Advanced Registration Mark Sensing System				
Command Modes	GP-GL™, HP-GL® (Selectable in command menu or auto detection)				
Display Panel	3" graphic LCD with comprehensive icon-corresponding soft keys				
Standard Accessories (Included)	Super Steel Cutting Blade: CB09UB, Blade Holder: PHP33-CB09N-HS, Water Based Fiber Tip Pen: KF700-BK, Fiber Pen Adapter: PHP31-FIBER, Power Cable & USB Cable, Software/Drivers DVD, Training DVD				
Shipping Weight with Stand	106 lbs (48 kg)	115 lbs (52 kg)	133 lbs (60 kg)	150 lbs (68 kg)	161 lbs (73 kg)
Unit Dimensions with Stand	44 x 28 x 48 in (1120 x 711 x 1219 mm)	50 x 28 x 48 in (1270 x 711 x 1219 mm)	61.8 x 28 x 48 in (1570 x 711 x 1219 mm)	73.6 x 28 x 48 in (1870 x 711 x 1219 mm)	84 x 28 x 48 in (2130 x 711 x 1219 mm)
Warranty	3-Years Parts & Labor Warranty				

1) Additional (optional) push rollers may be required.

Software Included: Graphtec Studio (Mac), Graphtec Pro Studio (Windows)
Software Plug-in Included: Cutting Master 4 for Adobe Illustrator (Mac & Windows), CorelDraw (Windows)

Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.

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